

10/517,859 YONG CHU 5-19-2006

**\$%^STN;HighlightOn=;HighlightOff=;**

## Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID:ssptaylc1626

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

NEWS 1 Web Page URLs for STN Seminar Schedule - N. America  
NEWS 2 "Ask CAS" for self-help around the clock  
NEWS 3 JAN 17 Pre-1988 INPI data added to MARPAT  
NEWS 4 FEB 21 STN AnaVist, Version 1.1, lets you share your STN AnaVist visualization results  
NEWS 5 FEB 22 The IPC thesaurus added to additional patent databases on STN  
NEWS 6 FEB 22 Updates in EPFULL; IPC 8 enhancements added  
NEWS 7 FEB 27 New STN AnaVist pricing effective March 1, 2006  
NEWS 8 MAR 03 Updates in PATDPA; addition of IPC 8 data without attributes  
NEWS 9 MAR 22 EMBASE is now updated on a daily basis  
NEWS 10 APR 03 New IPC 8 fields and IPC thesaurus added to PATDPAFULL  
NEWS 11 APR 03 Bibliographic data updates resume; new IPC 8 fields and IPC thesaurus added in PCTFULL  
NEWS 12 APR 04 STN AnaVist \$500 visualization usage credit offered  
NEWS 13 APR 12 LINSPEC, learning database for INSPEC, reloaded and enhanced  
NEWS 14 APR 12 Improved structure highlighting in FQHIT and QHIT display in MARPAT  
NEWS 15 APR 12 Derwent World Patents Index to be reloaded and enhanced during second quarter; strategies may be affected  
NEWS 16 MAY 10 CA/CAPLus enhanced with 1900-1906 U.S. patent records  
NEWS 17 MAY 11 KOREAPAT updates resume  
NEWS 18 MAY 19 Derwent World Patents Index to be reloaded and enhanced  
  
NEWS EXPRESS FEBRUARY 15 CURRENT VERSION FOR WINDOWS IS V8.01a,  
CURRENT MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP),  
AND CURRENT DISCOVER FILE IS DATED 19 DECEMBER 2005.  
V8.0 AND V8.01 USERS CAN OBTAIN THE UPGRADE TO V8.01a AT  
<http://download.cas.org/express/v8.0-Discover/>  
  
NEWS HOURS STN Operating Hours Plus Help Desk Availability  
NEWS LOGIN Welcome Banner and News Items  
NEWS IPC8 For general information regarding STN implementation of IPC 8  
NEWS X25 X.25 communication option no longer available after June 2006

Enter NEWS followed by the item number or name to see news on that specific topic.

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If you provide us with your name, login ID, and e-mail address, you will be entered in a drawing to win a free iPod(R). Your responses will be kept confidential and will help us make future improvements to STN.

Take survey: <http://www.zoomerang.com/survey.zgi?p=WEB2259HNKWTUW>

Thank you in advance for your participation.

FILE 'HOME' ENTERED AT 20:01:28 ON 19 MAY 2006

FILE 'REGISTRY' ENTERED AT 20:01:43 ON 19 MAY 2006  
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.  
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.  
COPYRIGHT (C) 2006 American Chemical Society (ACS)

Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 18 MAY 2006 HIGHEST RN 884905-05-9  
DICTIONARY FILE UPDATES: 18 MAY 2006 HIGHEST RN 884905-05-9

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH January 6, 2006

Please note that search-term pricing does apply when conducting SmartSELECT searches.

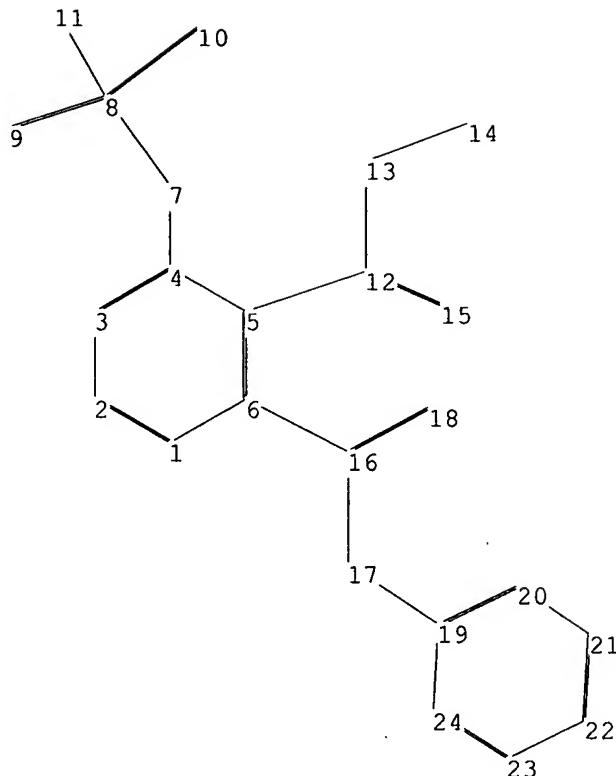
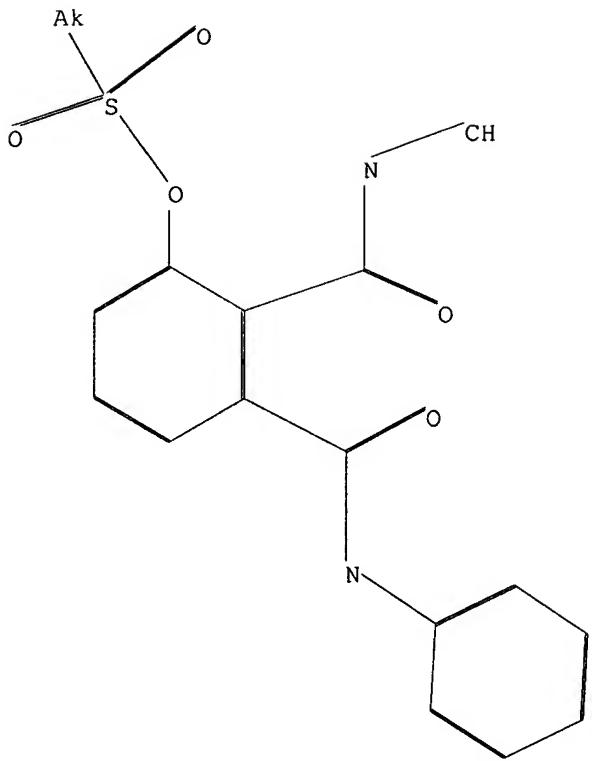
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*****
* The CA roles and document type information have been removed from *
* the IDE default display format and the ED field has been added,   *
* effective March 20, 2005. A new display format, IDERL, is now      *
* available and contains the CA role and document type information. *
*****
```

Structure search iteration limits have been increased. See HELP SLIMITS for details.

REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

<http://www.cas.org/ONLINE/UG/regprops.html>

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=>  
Uploading C:\Program Files\Stnexp\Queries\10517859\10517859.str
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chain nodes :
7 8 9 10 11 12 13 14 15 16 17 18
ring nodes :
1 2 3 4 5 6 19 20 21 22 23 24
chain bonds :
4-7 5-12 6-16 7-8 8-9 8-10 8-11 12-13 12-15 13-14 16-17 16-18 17-19
ring bonds :
1-2 1-6 2-3 3-4 4-5 5-6 19-20 19-24 20-21 21-22 22-23 23-24
exact/norm bonds :
4-7 7-8 8-9 8-10 8-11 12-13 12-15 13-14 16-17 16-18 17-19
exact bonds :
5-12 6-16
normalized bonds :
1-2 1-6 2-3 3-4 4-5 5-6 19-20 19-24 20-21 21-22 22-23 23-24

```

```

Match level :
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:CLASS 8:CLASS 9:CLASS 10:CLASS
11:CLASS 12:CLASS 13:CLASS 14:CLASS 15:CLASS 16:CLASS 17:CLASS 18:CLASS
19:Atom 20:Atom 21:Atom 22:Atom 23:Atom 24:Atom

```

L1           STRUCTURE UPLOADED

```

=> d
L1 HAS NO ANSWERS
L1           STR

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\* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT \*

Structure attributes must be viewed using STN Express query preparation.

```
=> s 11
SAMPLE SEARCH INITIATED 20:02:07 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED -          4 TO ITERATE

100.0% PROCESSED      4 ITERATIONS           2 ANSWERS
SEARCH TIME: 00.00.01
```

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FULL FILE PROJECTIONS: ONLINE  **COMPLETE**
                           BATCH   **COMPLETE**
PROJECTED ITERATIONS:    4 TO     200
PROJECTED ANSWERS:       2 TO     124
```

```
L2          2 SEA SSS SAM L1
```

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=> s 11 full
FULL SEARCH INITIATED 20:02:12 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED -      101 TO ITERATE
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100.0% PROCESSED      101 ITERATIONS        21 ANSWERS
SEARCH TIME: 00.00.01
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```
L3          21 SEA SSS FUL L1
```

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=> file caplus
COST IN U.S. DOLLARS           SINCE FILE      TOTAL
                               ENTRY          SESSION
FULL ESTIMATED COST          166.94         167.15
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FILE 'CAPLUS' ENTERED AT 20:02:19 ON 19 MAY 2006
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
COPYRIGHT (C) 2006 AMERICAN CHEMICAL SOCIETY (ACS)
```

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FILE COVERS 1907 - 19 May 2006 VOL 144 ISS 22
FILE LAST UPDATED: 18 May 2006 (20060518/ED)

Effective October 17, 2005, revised CAS Information Use Policies apply. They are available for your review at:

<http://www.cas.org/infopolicy.html>

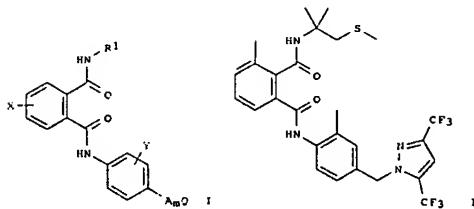
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=> s 13
L4          3 L3
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```
=> d ibib abs hitstr tot
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L4 ANSWER 1 OF 3 CAPLUS COPYRIGHT 2006 ACS on STN  
 ACCESSION NUMBER: 2005:1103752 CAPLUS  
 DOCUMENT NUMBER: 143:387026  
 TITLE: Preparation of pyrazolylmethylmethylphenyl phthalamides and related compounds as insecticides  
 INVENTOR(S): Wada, Katsuaki; Goto Ichiro; Yoneta, Yasushi; Otani, Yuichi; Shibuya, Katsuhiko; Nakakura, Norihiko; Fischer, Ruediger  
 PATENT ASSIGNEE(S): Bayer CropScience A.G., Germany  
 SOURCE: PCT Int. Appl., 102 pp.  
 CODEN: PIIXD2  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE			
WO 2005095351	A1	20051013	WO 2005-EP2130	20050301			
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW		RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, PO, SE, SI, SK, TR, BP, BJ, CF, CG, CI, CM, GA, GN, GO, GW, ML, MR, NE, SH, TD, TG		JP 2006076990 A2 20060323	JP 2004-367994 A 20040312	JP 2004-235553 A 20040812	JP 2004-367994 A 20041220
PRIORITY APPLN. INFO.:							

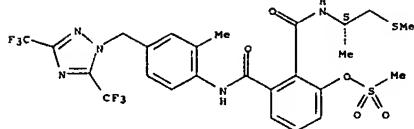
OTHER SOURCE(S): MARPAT 143:387026  
 GI



AB Title compds. (I): X = H, halo, NO<sub>2</sub>, alkylsulfonyloxy, alkylsulfinyl.

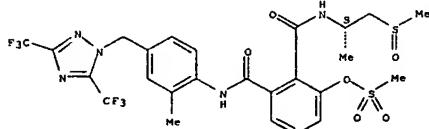
L4 ANSWER 1 OF 3 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)

Absolute stereochemistry.



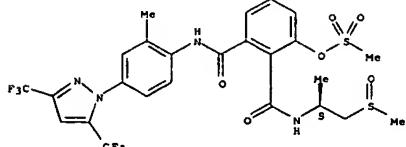
RN 866636-81-9 CAPLUS  
 CN 1,2-Benzenedicarboxamide, N1-[4-[(3,5-bis(trifluoromethyl)-1H-1,2,4-triazol-1-yl)methyl]-2-methylphenyl]-N2-[(1S)-1-methyl-2-(methylsulfonyl)ethyl]-3-[(methylsulfonyloxy)-(9CI)] (CA INDEX NAME)

Absolute stereochemistry.



RN 866637-11-8 CAPLUS  
 CN 1,2-Benzenedicarboxamide, N1-[4-[(3,5-bis(trifluoromethyl)-1H-pyrazol-1-yl)-2-methylphenyl]-N2-[(1S)-1-methyl-2-(methylsulfonyl)ethyl]-3-[(methylsulfonyloxy)-(9CI)] (CA INDEX NAME)

Absolute stereochemistry.



REFERENCE COUNT: 8 THERE ARE 8 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

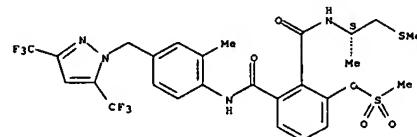
~~ODP?~~ Not into US  
 Same assignee

L4 ANSWER 1 OF 3 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)  
 alkylsulfonyl Cl-alkylsulfonyl: R<sub>1</sub> = alkyl, alkylthioalkyl, alkylsulfinylalkyl, alkylsulfonylalkyl; Y = halo, alkyl; a = 0, 1; A = O, S, SO, SO<sub>2</sub>, CH<sub>2</sub>; CHMe; O = (substituted) 5-6 membered heterocyclic that contains 2<sup>1</sup> of N, O, S; I, were prep'd. Thus, 3-(1,1-dimethyl-2-methylsulfonylethylimino)-4-ido-3H-isobenzofuran-1-one, 1-(3-methyl-4-aminobenzyl)-3,5-bis(trifluoromethyl)-1H-pyrazole (prep'n, given), and p-TsO<sub>2</sub> were stirred in MeCN at 60° for 3 h to give title compd. (II). II and numerous addnl. I at 20 ppm gave 100% kill of *Caphalocrocia medicinalis* Guenne on paddy rice.

IT 866636-32-0P 866636-33-1P 866636-80-8P  
 RL: AGR (Agricultural use); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses) (preparation of pyrazolylmethylmethylphenyl phthalamides and related compds. as insecticides)

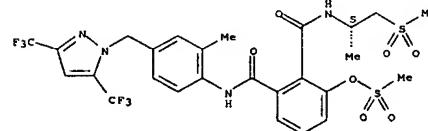
RN 866636-32-0 CAPLUS  
 CN 1,2-Benzenedicarboxamide, N1-[4-[(3,5-bis(trifluoromethyl)-1H-pyrazol-1-yl)methyl]-2-methylphenyl]-N2-[(1S)-1-methyl-2-(methylsulfonyl)ethyl]-3-[(methylsulfonyloxy)-(9CI)] (CA INDEX NAME)

Absolute stereochemistry.



RN 866636-33-1 CAPLUS  
 CN 1,2-Benzenedicarboxamide, N1-[4-[(3,5-bis(trifluoromethyl)-1H-pyrazol-1-yl)methyl]-2-methylphenyl]-N2-[(1S)-1-methyl-2-(methylsulfonyl)ethyl]-3-[(methylsulfonyloxy)-(9CI)] (CA INDEX NAME)

Absolute stereochemistry.



RN 866636-80-8 CAPLUS  
 CN 1,2-Benzenedicarboxamide, N1-[4-[(3,5-bis(trifluoromethyl)-1H-1,2,4-triazol-1-yl)methyl]-2-methylphenyl]-N2-[(1S)-1-methyl-2-(methylsulfonyl)ethyl]-3-[(methylsulfonyloxy)-(9CI)] (CA INDEX NAME)

~~ODP~~ X  
 Not into US

L4 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 2004:780681 CAPLUS  
 DOCUMENT NUMBER: 141:296023

TITLE: Preparation of phthalimide derivatives as insecticides

INVENTOR(S): Wada, Katsuaki; Goto Ichiro; Yoneta, Yasushi; Otani, Yuichi; Shibuya, Katsuhiko; Matsuo, Hanako; Fischer, Ruediger

PATENT ASSIGNEE(S): Bayer CropScience A.G., Germany

SOURCE: PCT Int. Appl., 88 pp.

CODEN: PIIXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO. KIND DATE APPLICATION NO. DATE

WO 2004080984 A1 20040923 WO 2004-EP2024 20040301

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, VZ, VN, YU, ZA, ZM, ZN,  
RW: BW, GH, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BP, BJ, CF, CG, CI, CM, GA, GN, GO, GW, ML, MR, NE, SN, TD, TG

JP 2004277333 A2 20041007 JP 2003-70274 20030314

AU 2004220444 A1 20040923 AU 2004-220444 20040301

EP 16062714 A1 20051221 EP 2004-715900 20040301

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CN 1759105 A 20060412 CN 2004-80006780 20040301

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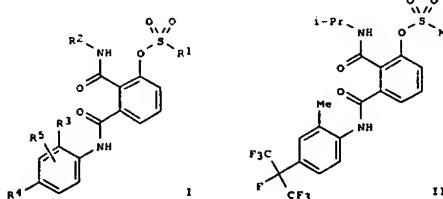
WO 2004-EP2024 A 20040301

OTHER SOURCE(S): MARPAT 141:296023

GI

Same assignee





**AB** Title compds. I (R1 = (halo)alkyl; R2 = (cyclo)alkyl; R3 = H, halo, alkyl;  
R4 = H, (halo)alkyl, alkoxy, etc.; R5 = H, halo, alkyl) are prepared For instance, N-(4-heptafluoroisopropyl-2-methylphenyl)-4-[(methanesulfonylloxy]isoindol-1,3-dione is reacted with isopropylamine (room temperature, 4 h) to give the corresponding phthalimide II. I are useful as insecticides: selected example compds. showed 100% rate of death at 20 ppm against Spodoptera littoralis.

IT 639513-15-8P 639513-16-2P 639513-19-2P

639513-20-5P 639513-21-6P 639513-22-7P

639513-23-8P 639513-27-2P 639513-28-3P

639513-29-4P 639513-33-0P 639513-34-1P

RL: AGR (Agricultural use); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses)

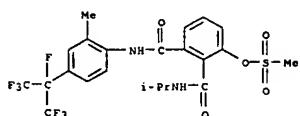
(Preparation of phthalimide derivs. as insecticides)

RN 639513-15-8 CAPLUS

CN 1,2-Benzenedicarboxamide,

N2-[1-methylethyl]-3-[(methylsulfonyl)oxy]-N1-[2-methyl-4-[(1,2,2,2-tetrafluoro-1-(trifluoromethyl)ethyl]phenyl]- (9CI)

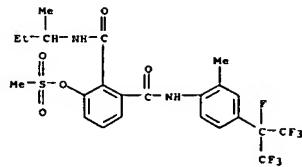
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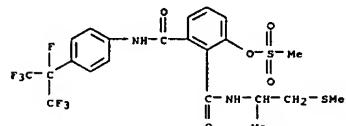
RN 639513-16-9 CAPLUS

CN 1,2-Benzenedicarboxamide, N2-(1-methylpropyl)-3-[(methylsulfonyl)oxy]-N1-[2-methyl-4-[(1,2,2,2-tetrafluoro-1-(trifluoromethyl)ethyl]phenyl]- (9CI)

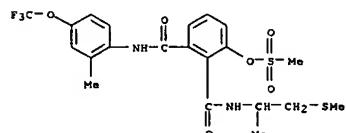
(CA INDEX NAME)



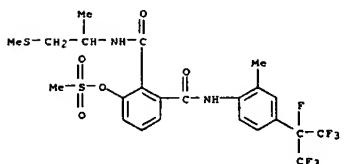
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CN 1,2-Benzenedicarboxamide, N2-[1-methyl-2-(methylthio)ethyl]-3-[(methylsulfonyl)oxy]-N1-[4-[(1,2,2,2-tetrafluoro-1-(trifluoromethyl)ethyl]phenyl]- (9CI) (CA INDEX NAME)



RN 639513-20-5 CAPLUS  
CN 1,2-Benzenedicarboxamide, N2-[1-methyl-2-(methylthio)ethyl]-3-[(methylsulfonyl)oxy]-N1-[2-methyl-4-(trifluoromethoxy)phenyl]- (9CI)  
(CA INDEX NAME)

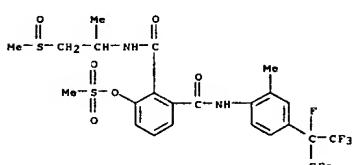


RN 639513-21-6 CAPLUS  
CN 1,2-Benzenedicarboxamide, N2-[1-methyl-2-(methylthio)ethyl]-3-[(methylsulfonyl)oxy]-N1-[2-methyl-4-[(1,2,2,2-tetrafluoro-1-(trifluoromethyl)ethyl]phenyl]- (9CI) (CA INDEX NAME)



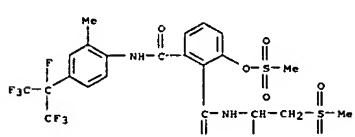
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CN 1,2-Benzenedicarboxamide, N2-[1-methyl-2-(methylsulfinyl)ethyl]-3-[(methylsulfonyl)oxy]-N1-[2-methyl-4-[(1,2,2,2-tetrafluoro-1-(trifluoromethyl)ethyl]phenyl]- (9CI) (CA INDEX NAME)



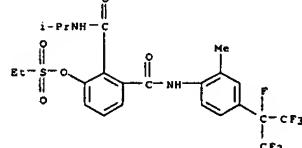
RN 639513-23-8 CAPLUS

CN 1,2-Benzenedicarboxamide, N2-[1-methyl-2-(methylsulfonyl)ethyl]-3-[(methylsulfonyl)oxy]-N1-[2-methyl-4-[(1,2,2,2-tetrafluoro-1-(trifluoromethyl)ethyl]phenyl]- (9CI) (CA INDEX NAME)

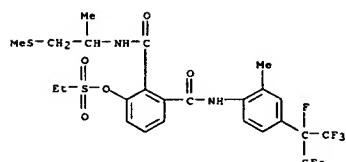


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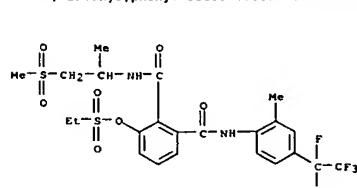
CN Ethanesulfonic acid, 2-[(1-methylethyl)amino]carbonyl]-3-[(2-methyl-4-[(1,2,2,2-tetrafluoro-1-(trifluoromethyl)ethyl]phenyl)amino]carbonyl]phenyl ester (9CI) (CA INDEX NAME)



RN 639513-28-3 CAPLUS  
CN Ethanesulfonic acid, 2-[(1-methylethyl)amino]carbonyl]-3-[(2-methyl-4-[(1,2,2,2-tetrafluoro-1-(trifluoromethyl)ethyl]phenyl)amino]carbonyl]phenyl ester (9CI) (CA INDEX NAME)

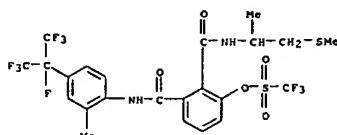


RN 639513-29-4 CAPLUS  
CN Ethanesulfonic acid, 2-[(1-methylethyl)amino]carbonyl]-3-[(2-methyl-4-[(1,2,2,2-tetrafluoro-1-(trifluoromethyl)ethyl]phenyl)amino]carbonyl]phenyl ester (9CI) (CA INDEX NAME)

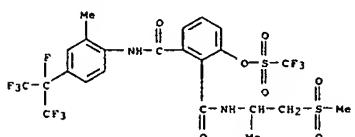


RN 639513-33-0 CAPLUS  
CN Methanesulfonic acid, trifluoro-, 2-[(1-methylethyl)amino]carbonyl]-3-[(2-methyl-4-[(1,2,2,2-tetrafluoro-1-(trifluoromethyl)ethyl]phenyl)amino]carbonyl]phenyl ester (9CI) (CA INDEX NAME)

L4 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)  
(trifluoromethyl)ethylphenyl]amino]carbonylphenyl ester (9CI) (CA  
INDEX NAME)



RN 639513-34-1 CAPLUS  
CN Methanesulfonic acid, trifluoro-, 2-[[[1-methyl-2-(methylsulfonyl)ethyl]amino]carbonyl]-3-[[2-methyl-4-[[1,2,2,2-tetrafluoro-1-(trifluoromethyl)ethyl]phenyl]amino]carbonyl]phenyl ester (9CI) (CA  
INDEX NAME)



REFERENCE COUNT: 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS  
FORMAT